

Fibre Optic Riser Cable 2-96 Fibre

KEY FEATURES

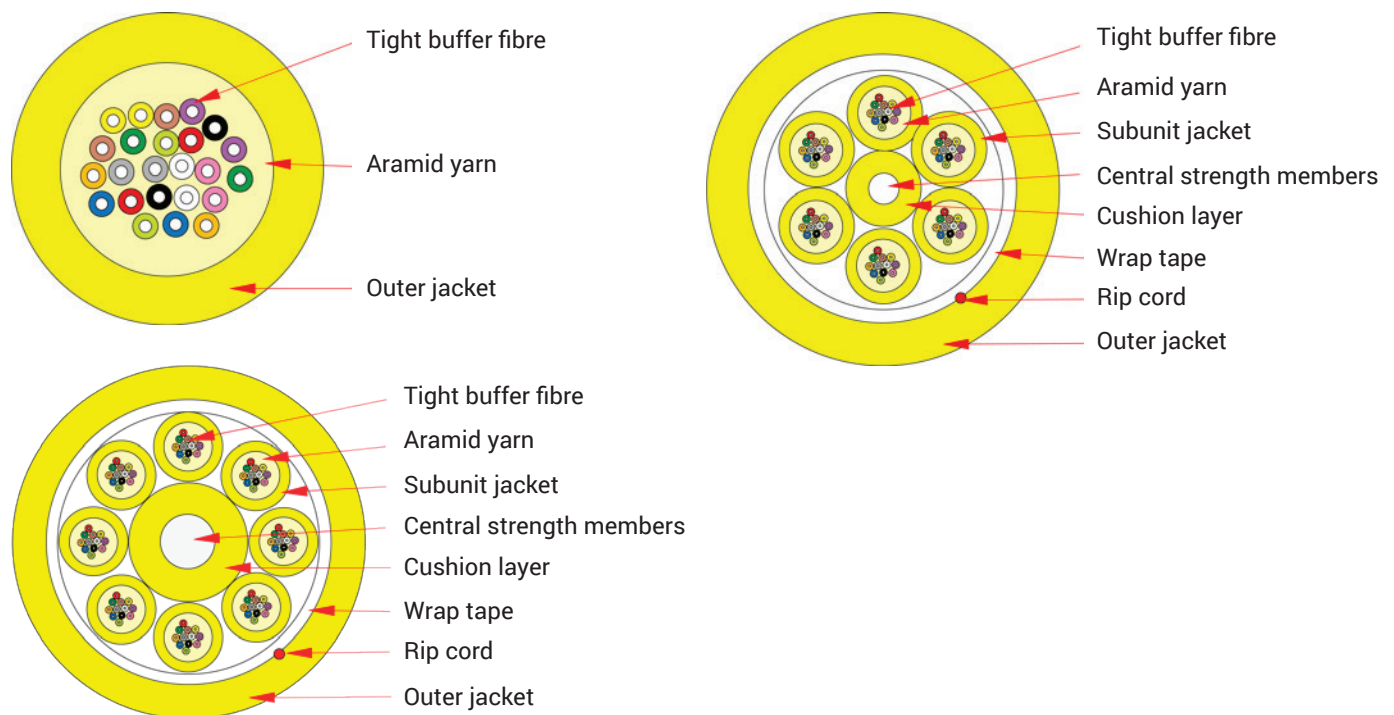
- LSZH Sheath
- High Density
- Central Strength Member
- Sub-Unitised Fibres

APPLICATIONS

- Building Backbone
- Data Centres
- Campus Backbone

Cable cross-section

This is for your reference only.



Mark of the Subunit

Mark the subunit jacket with numbers (e.g., #1, #2, #3, etc.)

Colour Code of Fibre

NO.	1	2	3	4	5	6	7	8	9	10	11	12
COLOUR	Blue	Orange	Green	Brown	Slate	White	Red	Black	Yellow	Purple	Pink	Aqua

For fibre bundles with more than 12 cores, use colour-coded rings on the fibre to distinguish each group of fibres.

Structure Parameter

ITEM	CONTENTS	VALUE						
FIBRE	Count	2	4	6	8	12	24	48
	Type	G657A1, OM4						
TIGHT BUFFER FIBRES	Material	LSZH						
	Diameter (mm)	0.85±0.05						
STRENGTH MEMBER		Aramid yarn						
JACKET	Material	LSZH						
	Colour	Yellow for G657A1 Aqua for OM4						
CABLE DIAMETER (MM) APPROX.		4.2	5.0	5.5	6.0	6.5	8.5	10.5
CABLE ATTENUATION	dB/km	SM: ≤0.4 at 1310nm, ≤0.3 at 1550nm						
		MM: ≤ 3.5 at 850nm, ≤ 1.5 at 1300nm						
MAX ALLOWABLE TENSILE (N)	Short term	440	440	440	440	440	660	660
	Long term	130	130	130	130	130	300	300
MAX ALLOWABLE CRUSH (N/100MM)	Short term	1000						
	Long term	200						

ITEM	CONTENTS	VALUE	
FIBRE	Count	72	96
	Type	G657A1, OM4	
TIGHT BUFFER FIBRES	Material	LSZH	
	Diameter (mm)	0.85±0.05	
SUBUNITS CABLE	Fibre counts per subunit	12	12
	Strength Member	Aramid yarn	
	Material	LSZH	
	Colour	Yellow for G657A1 Aqua for OM4	
	Diameter (mm) approx.	5.2	5.2
	FRP Diameter (mm) Approx.	2.2	3.0
CENTRE MEMBER STRENGTH	Cushion layer diameter (mm) Approx.	5.2	8.5
	Material	LSZH	
OUTER JACKET	Colour	Yellow for G657A1 Aqua for OM4	
CABLE DIAMETER (MM) APPROX.		18.5	21.7

ITEM	CONTENTS	VALUE	
CABLE ATTENUATION	dB/km	SM: ≤0.4 at 1310nm, ≤0.3 at 1550nm MM: ≤ 3.5 at 850nm, ≤ 1.5 at 1300nm	
MAX ALLOWABLE TENSILE (N)	Short term	1320	1320
	Long term	400	400
MAX ALLOWABLE CRUSH (N/100MM)	Short term	1000	
	Long term	300	

Environmental Characteristics

ITEM	CONTENTS	VALUE
MIN. BENDING RADIUS	Installation	20 x cable diameter
	Operation	10 x cable diameter
TEMPERATURE RANGE	Operation	-20°C ~ + 70°C
	Storage/transportation	-20°C ~ + 70°C
FLAME PROPAGATION		IEC 60332-1